

XP-002223049

AN - 1984-242742 [39]  
AP - SU19823507167 19821102  
CPY - IRKU  
DC - D16 E14 F09  
DR - 0562-U 0868-U 1041-U 1173-U  
FS - CPI  
IC - C02F3/34 ; C12N15/00 ; C12R1/00  
IN - CHEMERILOV V I; KHARLAMOV V M; PAVLENKO V V  
MC - D04-B04 D04-B06 D04-B11 D05-H E10-E02 F05-A02B F05-A02C  
M3 - [01] G011 G013 G100 H4 H401 H441 H5 H541 H8 M210 M211 M272 M281 M320  
M414 M510 M520 M531 M540 M750 M903 M910 N131 N163 Q324 Q431  
- [02] G010 G013 G100 H4 H401 H402 H441 H442 H8 M280 M320 M414 M510 M520  
M531 M540 M750 M903 M910 N131 N163 Q324 Q431  
PA - (IRKU ) IRKUTSK ZHDANOV UNIV  
PN - SU1071637 A 19840207 DW198439 003pp  
PR - SU19823507167 19821102  
XA - C1984-102554  
XIC - C02F-003/34 ; C12N-015/00 ; C12R-001/00  
AB - SU1071637 Yeast strain Exophiala nigrum R-11 is useful in  
paper-making, petrochemical etc. industries.  
- The strain grows pref. at 20-25 deg. C; no growth occurs at 30-37 deg.  
C.  
- ADVANTAGE - The strain is non-pathogenic and has good activity.  
- In an example, the strain is grown at 25 deg. C on a wort agar or a  
glucose-peptone medium.  
- 100 mls. of water contg. hydroquinone, phenol and guaiacol in a concn.  
of (10 power minus 3)M is dosed with a suspn. of 2g of the strain and  
in 24 hrs. the degree of hydroquinone removal is 86.2%, phenol 83.4%  
and guaiacol 82.3%.  
- Bul.5/7.2.84  
- (3pp Dwg.No 0/0)  
IW - YEAST STRAIN NIGRUM REMOVE PHENOL LIGNIN AQUEOUS EFFLUENT  
IKW - YEAST STRAIN NIGRUM REMOVE PHENOL LIGNIN AQUEOUS EFFLUENT  
INW - CHEMERILOV V I; KHARLAMOV V M; PAVLENKO V V  
NC - 001  
OPD - 1982-11-02  
ORD - 1984-02-07  
PAW - (IRKU ) IRKUTSK ZHDANOV UNIV  
TI - Yeast strain Exophiala Nigrum R-11 - removes phenol(s) and lignin from  
aq. effluent(s)